23310 Illinois Cen.... 1 4 6% 1 5 1 1/6 1 4 6 1 4 7 1/4

600 K C So..... 19 20% 19 20% 19 120% K C So.pf.... 39 41% 39 41% 400 L E & West. 56 59 54 54 400 L E & Wpf...117% 118 117% 118

3550 M St P & S S M 22 24% 21% 23 1500 M St P & S S pt 65 73% 63% 73

19500 Man Con.....115 121% 113% 118

3 736

20%

34

7 036

\$00 Int Silver... 6 6% 4550 Iowa Central.. 34 38 5150 Iowa Cen pf... 70% 76%

1400 Nat Land.... 19% 20% 19 100 Nat Land pf. 80 80 80 7285 North Am... 96 103% 92 280 N Y Air B... 133 138 133 310 N Y & N H ... 214 816 814 816 5000 N Y & St. .. 35% 39 35% 39 6820 N Y C & St. 24 pf...... 72% 79% 72% 78 1372 Nat Bis..... 41 49% 41 42 1872 Nat Bis 41 49% 41 49% 500 Nat Bis pt.... 101 101 100% 100% 9100 Nor & West... 47 49 45% 48 200 North Pes....118 118 118 206 207 78 78 200 PCCASIL pf 100% 108 100% 26700 Pee's Gash C.111% 116 111 100% 99466 Pma R R 149 4196 St L S W 27 13870 St L & Adl .. 85% 9414 85% 31% 48 65 27% 29% 181920 So Paciae.... 50 121300 South Ry 28 16628 South Ry pf.. 81% 85% 860 St Jo & G L.. 11% 13 114 18 1st pf...... 70 1450 St Jo & G I 68 684 24 pf...... 27 32 281 St L & S P 181 pf...... 78 2d pf...... 67% 70% 66% 17623 St L & S F rts 1840 Stan R & T... 6% 17400 Tenn C & I... 57 4850 Twin Cy R T 90% 95% 90% 95% 650 Tol StL & W pf 34 35 34 134 Third Av R R 121 121 121 11300 Tex Pacific L. 30 81020 Tex Pacific ... 36 30 43% 4360 U Pacific 91 109 4360 U Pacific pf... 87 903 904 2430 Un Bag & Pa. 14% 15% 150 Un B & Pa pt. 70% 72% 156 US Rxpress. 85 85 847525 US Steel...... 39 41% 15% 306227 U S St'l pf 87% 110) U S Rubber. 20 100 USRubber pf 61 7035 U S Leather .. 12% 13% 9900 Wabash 18% 21% 39070 Wabash pf.... 34% 42% 38130 West Un Tel.. 89 94 400 WAL E 1st pf 62 52 100 WAL E 24 pt 29 29 6700 Wis Cent..... 20 23 19% 21% 2000 Wis Cent pt.. 39% 44 39% 43 2000 Va Car Ch..... 59% 60% 57 60 700 Va Car Ch pt119 120 119 120 Total sales, 4.989.724 shares.

Clearing House banks shows: July 13. July 20. Changes.

Loans... 3465, 455, 400 \$856, 196, 500 Dec. \$12,265, 900

Deposits... 947, 594, 100 939, 145, 300 Dec. 8,445, 500

Circul't'n. 30,629,500 30,710,100 Inc. 80,600

L. Tenders. 77,305, 200 78,313, 900 Inc. 918,700

Specie... 172,312,700 177,501,500 Inc. 5,189,100 \$255.815.700 Inc Reserved .. 236,898,525 234,786,325 Dec. 2,112,200 Surplus . \$12,809,357 \$21,029,375 Inc. \$8,220,000 There was a surplus a year ago of \$24,081,900 and two years ago of \$12,055,800.

The official count of the cash in the Treasury to-day, not including the gold reserve of \$150,000,000 and \$771;722.659 in gold, silver and notes, against which certificates are outstanding, and compared with that of last Saturday shows: July 13. July 20.

Net available cash bal . \$171,108,647 \$173,994,803 Net available cash bal. \$171,108,647 \$173,994,803. The imports of general merchandise, including dry goods, at the port of New York last week were \$10,570,877, against \$8,645,437 the previous week and \$8,502,018 for the corresponding week of last year. The imports of specie for the week were \$138,808, of which \$78,166 was gold, making total specie imports since Jan 1. \$3,521,989. Exports of specie were: Gold, \$29,410, and silver, \$624-255, a total of \$1,384,125, against \$1,247,757, the previous week. The exports of specie since Jan. 4 have been: Gold, \$29,178,925, and silver, \$28,003,035, a total of \$67,271,960.

The List of Referees. The following is a list of referees appointed

Cases.

By Justice Blanchard.

Cases.

Adams vs. Smith. Richard N. Arnew.
Steiner vs. Adier. Brownson Winthrop.
Hidreth vs. Stein. Richard M. Henry.
Union Trust Co. vs.
Dreggs Joseph Beihilf.
Biden vs. Hageriy. Simon L. Adier.
Kroger vs. Darling. Franklin D. Sturgts.
Met. Life Ins. Co. vs.
Walsh. Samuel S. Stater.
Newborg vs. Weber. Donald McLean.
Schwarzer vs. Waas. Bainbridge Colby.
Coudert vs. Huerstel. C. N. Ironside.
Lowenfeld vs. Hamburger. Arthur Hurst.
Hecht vs. Laing. Abraham L. Jacobe.
Leo vs. Oman. William A. Ferguson.
Lowenfeld vs. Dahut. Henry Grasse.
Central Trust Co. vs. Colonial Brewery. John C. Coleman.
Hunt vs. Auld. Thomas J. Rush.
Steiner vs. Adlec. Charles N. Flint. Jr.
Curtis vs. Valente. Elek J. Ludvigh.
Barry vs. Mechan. William C. Reddy.
Moore vs. Rose. Charles G. Cronin,
Friedman vs. Bohlman. Augustine R. McMah.
By Justice Lawrence. cases in the Supreme Court last week:

By Justice Lawrence. Standard Nat. Bank vs. Nat. Silk Label Co. et al George C. Blanke. By Justice Clarke. McLaughlin vs. Singer .. William L. Turner By Justice McAdam.

By Justice MoAdam.

Bauer vs. Bauer. Reuben I. Pritchard.
Allen vs. Kilipatrick. James Ridgway.
Rose vs. Flanagan. Max Moses.
Zeller vs. Kuh. Wilbur Larremore.
Chosen Friends Home
Loan and Sav. League
vs. Oakley. Joseph P. McDonough.
Wallach vs. Heineck. Daniel P. Ingraham.
Mut. Life Ins. Co. vs.
Guining. William Blakle.
Birch vs. Huntington. A. C. Anderson.
Matter of Rudin. John E. Ward.
Matter of Ronalds. John E. Ward.
Heliman vs. Heliman. E. J. Tinsdale.
Matter of Lyo. Thomas F. Keogh.
State Bank vs. Lochner. James E. Smith.

By Justice Fitzgerald. By Justice Fitzgerald. Matter of Freund......Thomas F. Donnelly.
Matter of Vanderbeck. Augustus Van Wyck.
Fitz vs. Pain.....Randolph B. Martine.

Bank Reports. MERCHANTS TRUST COMPANY,
320 BROADWAY,
5TATEMENT AT THE CLOSE OF BUSINESS
JUNE 29, 1961, CONDENSED FROM REPORT
TO THE SUPERINTENDENT OF BANKS,
RESOURCES. New York City Bonds Other Stocks, Flonds and Investments Loans Accrued Interest Receivable \$700,000.00 411,150.49 7,911,605.22 LIABILITIES.

22,410.19 250.837.87 2,855,382.57 Accrued Interest Receivable.

Due from other Banks.

Cash on hand and in Banks..... \$12,190,305.34 41% Capital ...
Surplus and Undivided profits ...
Accrued Interest Payable ...
Reserve for Taxes ...
Deposits ...
Deposits ...
Banks and ...
So.,800,791.42
Deposits ...
Fankers ...
T30,982.47 \$500,000.00 1,142,121.07 5,000,18 2,500.00 230 Lake Shore. 250 250 250 250 200 Long Island... 73% 73% 73% 73% 73% 750 Laclede Gas... 90 95 90 95 100 Lac Gas pf... 99 99 99 99 730,982.47 10,540,774,09 \$12,190,396.34 58972 Louis & Nash. 101% 106% 101% 104% 73 PDWIN LANGDON
18 JOHN B GRANT
9% FRED, P. DAVIS.... Assistan President Vice President Secretary Treasurer Secretary Treasure.

REPORTS FROM THE MINES: PRATURES OF THE WARE IN THE

COPPER FIELD.

o Oro Shipments Far Bohind, and Total for the Year Hay Bo Below Last Season's. Though the Domand is Greater—Lake Eric Dock sat Fault—Development of New Fields

HOUGHTON, Mich., July 17.—The \$6 dividend declared by the Quincy mine is a disappointment to some shareholders, mainly resident in the East, and therefore out of touch with the mine, but it is fully satisfactory to all who are conversant with the property. The Quincy pays semi-annual dividends and, barring accidents or an unexpected drop in the price of copper, it is expected that the dividend next February will be larger than the one just declared for pay-mentnext month. The Quincy has expended vast sums in betterments since 1897, and is vast sums in betterments since 1897, and is now making 50 per cent. more copper ban at any time within several years. The financial policy of the Quincy is in line with that of practically all the big dividend-paying mines of the district and looks to the accumulation of a large surplus as well as the payment of steady dividends.

No. 5 shaft of the Tamarack now holds the distinction of being the deepest shaft in the world, having a vertical depth of 4,860 feet, or 50 feet in excess of the Red Jacket

shaft of the Calumet and Hecia. Despite the flood of criticisms recently directed at the Calumet and Hecla, in which the management is censured for the opening of the mine on the Occools amygdaloid, paral-lel with the original mine, the wisdom of the step is believed in by those best posted on the affairs of this corporaton. The amygdaloid mine of the Calumet and Heola is among the largest in this district, rivalling the Quincy in magnitude, though with rock of lower grade It has upward of twenty miles of underground openings, and when it begins regular production, which should be early in 1902, will turn out 15,000,000 to 20,000,000 pounds of refined copper annually, at a profit of approximately

The \$4 assessment levied on Mass will give that company ample funds to open its mine upon a much larger scale than has been at-tempted heretofore and add greatly to the

earning power of the mine.

The new mill of the Baltic is completed and the machinery is being set in place as rapidly as possible. When the Baltic gets into its own mill the mine will enter upon a new era, and its production will soon reach a figure that will prove most gratifying to those who have from the first placed implicit confidence in the master lode on which the Baltic, Trimountain and Champion mines

are opened.

The exploring shaft in Section 16 is unwatered, and crosscutting to the west will be resumed. This exploring shaft was sunk by the Atlantic Company nearly three years ago, and a crossout was first sent west for a short distance, but was afterward driven east for about 850 feet, with negative results. The Eastern authorities, who are announcing with certainty that the continuation of the western crosscut will strike the Baltic lode "within a few weeks," could easily secure a contract for this job at a figure that would make them independently wealthy providing a proper bond for the work were executed. The management of the Atlantic mine is conservative to the point of being old fashioned and no representative of the Atlantio can be quoted as authority for the state-ment that the Baltic lode "will certainly" be located "within a few weeks." The facts are that there is no absolute certainty that the crosscut in the west will ever locate the Baltic lode, and should the search be a success it may require many months to reach the goal. The northern extension of the Baltic goal. The northern extension of the Battle lode is a mystery, as it has been for three years. It may lie far to the eastward, be-yond the breast of the eastern crosscut, or it may traverse the centre of Section 16, far

Recent developments at the Michigan are highly encouraging, and the stock has doubled in price in consequence. Regardless of what may be found in the way of copper values on the Calico, Knowlton and other cupriferous lodes on the Michigan lands, the old Minnesota mine will be made to return

millions of dollars' worth of copper. Seven years ago the Atlantic company was forced to build a new mill, owing to the action of the Federal Government in ordering the suspension of milling on Portage Lake, because of the silting of the channel by mill tailings. A site for the new mill was secured at the mouth of the Salmon Trout River on Lake Superior, where the new mill started making copper in the spring of 1805. The mill site was called Redridge, and it would have required a rash prophet to predict that Redridge would ever grow to be more than a mere stamp mill hamlet of a few hundred souls at most. At the present time the enthusiastic inhabitants are boasting that another Lake Linden, where 10,000 persons have gathered about the mills and smelters, will soon materialize along the shore of Lake Superior. and while the prophecies may be oversanguine, there is ample warrant for predicting the speedy upbuilding of a city of several thousand inhabitants. Just west of the Atlantic mill, the new mill of the Baltic is nearing completion, while at close intervals are located the mills of the Trimountain. Champion and Adventure, with a strong prospect that the Michigan will soon begin the

construction of a sixth mill, and with room left for several more. The Victoria mine is being opened at a cost of less than \$300 a day, or at the rate of perhaps \$7,000 a month, consequently the cash on hand is ample for eighteen months to come, within which time the main shaft will have reached the depth of 2,000 feet and a large amount of stoping ground will have been opened. The Victoria has been developed along highly economical lines, and is practically the only flotation of the boom period of 1898-09 having any considerable portion of its original surplus fund intact. The Old Colony tunnel is now approaching a half mile in length, and has already become

district. The tunnel is proving the Old Colony property very thoroughly, and several amygdaloid lodes worthy of further attention amygdaloid lodes worthy of further attention have been cut in its progress.

The Franklin is now securing a considerable daily tonnage of rook from the conglomerate shaft at the Franklin Junior. The Allouez lode at that point carries a chute of excellent ground, much of which gives exceptionally rich returns under the stamps. The three stamps at the Isle Royalo are now running steadily and are crushing between 1,300 and 1,400 tons of rock daily, from which an average of 1 per cent, ingot copper is secured. Considerable silver is found also.

much the longest tunnel ever driven in the

CALIFORNIA.

SAN FRANCISCO, July 15.—Eight copper claims adjoining Capt. De Lamar's Bully Hill mines, belonging to H. C. McClure, have been bonded to C. D. Porter for \$60,000. The copper ledge, which shows up well, will be developed by the new owner, who comes from Spokane, Wash.

A San Francisco company has located 1,300 acres of mineral land between Rush and Brown creeks in Trinity county, which will be worked by water from Stuart's Fall. The ground has been known to be rich, but it lacked water. Five thousand inches of water will be developed, but it will require a half-mile tunnel.

A novelty in placer mining is being tried at the Strickland gravel mine in Vick's Gulch. Amador county, by E. Kuchenbeeker. The ground is a bank, 60 feet high, in which huge boulders are mixed with gravel. The ordinary hydraulic monitor would have little effect on it. Kuchenbecker has devised a self-opening and shutting gate, which opens when the reservoir is filled with water and allows the tremendous pressure of water to play on the bank for a minute and a half until the reservoir is empty. Then the reservoir fills again and repeats the process in two hours. In winter, when the water supply is large, this process goes on every half hour. The result is that great boulders

Vafuable.

In the Rinconnadie quicksliver mine, near Santa Margarita, a vein of rich cumabar ore twenty feet in width has just been discovered. The whole vein in the mine is so feet wide, but there are low-grade streaks in it. NEVADA.

RENO. Nev., July 15.—The Tonapah placer mines have proved the richest bonanza that Nevada has known in years and about the only one in which the poor man has had a good show. In a small canon scores of men made locations and others leased ground on shares. With a fair amount of water all have made large clean-ups, and when tunnels and hydraulicking have been used the profits have been heavy. In other mines the ore hears a stricing resemblance to the gold and silver ore in the Comstock mines near Virginia City. A recent shipment of 488 tons of ore from several of these mines yielded \$22,112 at the Selby smelting works.

The New Pass gold mines near Austin, Nev., have just been sold to a syndicate controlled by Willard F. Snyder for \$250,000, the first payment of \$30,000 to bind the bargain has just been made.

MONTANA. MONTANA.

controlled by Willard F. Snyder for \$230,000, the first payment of \$30,000 to bind the bargain has just been made.

MONTANA.

HELENA, July 15.—A second great dam is to be immediately constructed across the Missouri River at Stabbs Ferry, fifteen miles from Helena. Work is also rapidly progressing on the installation of the six additional water wheels at the Cafon Ferry dam, and it is expected that they will be completed by July 21. The power derived from these new turbines will be transmitted to Rutte, where it will be utilized in the great mines of that place for hoisting purposes—which, next to the cost of labor in the mines, is the greatest item of expense connected with that industry. A gang of 100 men is engaged in building the pole line between East Helena and Butte.

One of the directors of the Missouri River Power says that the company has contracted for all the power which will be obtained and sent from the two dams to the mines, smelters and concentrators at both Butte and Anaconda. Although the latter city it almost 100 miles distant from the dam experts say that the power can be transmitted there with a loss not exceeding 20 per cent., and when it is considered that the cost of electricity is but one-half that of steam, a saving of at least 30 per cent can be effected. In fact, this director declared that they could dispose of even more than 16,000 horse power, but as the Helena street car, lighting and smelter systems are also dependent upon the Cafon Ferry plant for power they had declined to make other contracts than those mentioned. It is thought here that the Amalgamated Copper Company is the new patron, although this could not be definitely ascertained. This will entail the installation of practically new machinery at Butte and Anaconda, which will necessarily take some time, but it is thought this can be done by the time the new dam is completed.

The new dam will profit considerably by the experiences had at the Cafon Ferry plant, where the buckets had to be taken out on account of being und

stockholders of the big Butte copper companies.

A new discovery of copper ore was made on Skelly Gulch, twelve miles northwest of Helena, this week.

The Red Bird claim is shipping a carload of high-grade copper ore to the Butte smelters every week. This is also a new discovery and is on Greenhorn Gulch, twelve miles west of Helena.

On the same belt and about a mile from the Red Bird, Horsky, Dick & Schorrenbach have struck high-grade copper ore in the bottom of a 20-foot shaft that will run 20 per cent in the red metal. All three of these

bottom of a 20-foot small that will run 20 per cent. In the red metal. All three of these new discoveries are on the same belt of leads. The ores, besides running from 15 to as high as 50 per cent, carry from twelve to twenty ounces in silver and 36 or 38 in gold. These discoveries are old claims that have here-tofore been worked for the gold and silver in the ore.

that the lode was cut at no great distance from the shaft. The evidence tends to convince the Atlantic management that the lode will be found on Section 16, to the westward of the shaft, but this is a presumption only, and not a certainty.

the ore.

The receipts of the United States Assay Office at Helena for the month of June show an increase of \$10,000 over June a year ago, and for the six months ending June 30, \$147, 248, as against \$872,330 for the first six months of 1900.

and for the six months ending June 30, 5047.

248, as against \$872,330 for the first six months of 1900.

A new vein was cut in the big tunnel of the Bear Gulch Mining Company at Jardine. Park county, at a depth of 400 feet below the surface and 800 feet from the mouth of the tunnel. The vein is 30 feet in thickness, the ore being very high grade in gold and carrying also percentages of copper and fron. There is said to be over 500,000 tons of ore blocked out in the mine ready for extraction. The present plant consists of a twenty-stamp mill that has been run for several years. A new 100-stamp mill and cyanide plant are contemplated.

Three copper properties are being developed across the river from fielena on Hell Gate and Magple gulches. The companies are the Argo. Canon and Sultana Gold and Copper Mining companies. These properties are being developed at depths ranging from 400 to 600 feet.

Another rich pocket was struck in the John Beahm claim from which ten pounds of nuggets were taken that were worth at least \$1,500. This is the second rich strike madin this same property. Beahm took out over \$7,000 from a 15-foot hole. He had a hand satchel full of nuggets worth \$1,500 and about \$5,500 worth of ore that was treated in a nearby mill. His good fortune killed him. He worked several days in a rain and snow storm resurveying his claims and correcting mistakes in the location notices; the result of exposure was typhoid fever of which he died within a month after he made the big strike. The property was worked after his death by his brothers, who were unsuccessful and sold it for \$500 to a man named Miller about a month ago. Since then Miller has taken out this \$1,500 and has more ore in sight. has more ore in sight.

then Miller has taken out this \$1,000 and has more ore in sight.

ALASKA.

SEATTLE, July 15 — Patrick Clark, who has been operating extensively in eastern Washington and British Columbia mines, has changed his base to southeastern Alaska, on Prince of Wales Island, where he has bonded a number of promising properties and is prospecting them with diamond drills. This island continues to be the scene of activity both in prospecting and development, and results are proving the country as rich and extensive as the most enthusiastic miners had pictured it. Ore shipments of considerable magnitude continue to be made regularly.

Along Prince William Sound in the vicinity of the old Gladhow Copper mine, Cleveland, Ohio, men have recently made large purchases of copper property, investing about \$250,000. They have made a test shipment of ore to the Tacoma smelter and are opening up their mines on an extensive scale. New York men, represented by L. J. Beaston, have also taken hold of mines in this part of Alaska, especially on Totoosh Island. On Landiccked Bay, Judge Williams is succeeding admirably in developing a group of copper properties, having recently struck

of Alaska, especially on Totoosh Island. On Landlocked Bay, Judge Williams is succeeding admirably in developing a group of copper properties, having recently struck a body of copper ore assaying seventeen per cent.

In Atlin district there are eight hydraulic plants in active operation this season, and all appear to be doing well. It has required capital to open the mines in this district and work has necessarily been slower than in other sections. Many of the mines operated by individuals are paying well, regardless of the many difficulties they have been compelled to overcome, and the output of the district will exceed \$1,000,000 this year.

The shipments of gold dust from Dawson up to July 3 amounted to \$4,000,000, the larger portion of it going down the Yukon by river boats to St. Michael, but the boats have had difficulty in getting through by reason of the ice at the mouth of the river, hence the gold is late in reaching its destination. Active operations continue on all the tributary streams of the Klondike and there is nothing discouraging in the clean-up thus far made. Washington will continue till October and perhaps later.

LAKE REGION IRON MINES. LAKE REGION IRON MINES

DULUTH, Minn. July 18—With two and a half months of the season gone and shipments nearly 1,500,000 tons behind ore men are beginning to fear that it will be impossible to get down as much ore as in 1900, though the demand is greater than in any previous to get down as much ore as in 1900, though the demand is greater than in any previous year Vessels are unable to make the round trip from the head of Lake Superior to Lake Erie ports in less than ten days. Were there no blockades or delays the trip should not take over seven to eight days. This curtails the capacity of the ore fleet perhaps 25 per cent. Millions have been spent in new ships, but the Lake Erie receiving docis are behind and until they are modernized to correspond with the western links in the chain of ore transportation full use of the vessels and upper lake facilities will be impossible. This means that several million dollars must be spent next winter at Cleveland, Erie, Conneaut, Ashtabula and Fairport. port.

The United States Steel Corporation is buying the fee to mines on which it has leases

when it can do so at reasonable figures. A part of the fee to the Negaunce mine has just been bought at a rate indicating a value to the mine of more than \$1,000.000, and now a deal is being closed for the fee to the Zenith, on which it has a lease. The purchase of these fees is a money-asving proposition in that it cut-off a royalty that may be likened to a heavy literest charge, but it would be impossible for any corporation not possessing almost unlimited capital. Several other mines held under lease will be purchased outright soon. The purchase of the Rockefeller properties carried with it the fee to the Mountain Iron mine, where in the past five years the predecessor to the United States Steel Corporation had paid in royalties the sum of \$1,200.000.

Fayal mine, Mesaba range, is ahipping at the rate of 15,000 tons a day, and will continue at this rate for an indefinite period. The mine will make a greater shipment than last year, when it sent down 1,250,000 tons. Fayal is generally regarded as in every way the most magnificent iron mine in the world.

Serious cave-ins at Negaunce mine, Marquette range, have in the past few days been carrying downward the surface, buildings, shops, &c., and injuring the workings. These had been expected and therefore their seriousness has been greatly lessened.

Orders to shut down the Great Western mine, Menominee range, have been countermanded and the property will be a heavy shipper during the remainder of the summer.

Sauntry mine, Mesaba range, is shipping at the rate of \$50,000 tons for the year, a vast increase over last season. The quality of this ore is such that it takes good mining to keep it up to the standards set.

The Duluth board of equalization is now wresting with the question of the taxation of stockpiles, and it has been proposed that all ore on surface be taxed at the rate of \$1 a ton, which would increase the levy for this year by about \$1,200,000. No such radical measure can pass.

An ore body, said to contain so far as now known at least \$0,000 or Dr

but will be pushed from this time on.

IN THE BLACK HILLS.

CUSTER, S. D., July 17.—The latest important discovery of ore in the Black Hills is nickel. On Spring Creek, about eleven miles northwest of this city, the Copper Butte Company of Chicago and New York, has opened into one of the most remarkable ledges of ore ever discovered in the Black Hills. At a depth of only eighty feet, there are large blocks of rock that run an average of 2 per cent. nickel and from 2 to 3 per cent. copper. In every way, the ore resembles that mined in the nickel and copper mines of Canada. There are also good values in gold and silver in the ore. The ledge is of unknown width, but it is believed to be overtwo hundred feet. The mineralized lode extends for several miles in length, and the company owns over two miles of it. Expert examination of the ore shows it to be a commercial product as it stands at the present depth. The President of the company, W. H. Buffum of New York, is at the mine, superintending the development of the property. Nickel ore is rare, and a proposition running but 2 per cent, is considered very valuable. Another discovery of nickel ore was recently made east of Custer, on French Creek.

Everything now points to the successful opening of a number of deep copper mines in the Black Hills, within the next twelve months.

Belgium people have bonded the famous IN THE BLACK HILLS.

months.

Belgium people have bended the famous Beigium people have bonded the famous Sally Cavanaugh tin mine, located at Oreville. They are working through a Deadwood expert. This mine has a very rich ledge of tin ore, some of it running as high as 70 per cent, white tin. The streams of water in the district are rich in placer tin showing the hills around to be full of tinbearing ledges. It will require an effort on the part of some one to demonstrate to the world that tin ore in commercial quantities is to be found in the Black Hills, but it is believed that the time is coming when the United States will get its supply of tin from South Dakota.

States will get its supply of the from South Dakota.

A larse company is about to be organized to open up a ledge of iron which has been discovered in Pennington county. The ore runs about 40 per cent iron and from \$4 to \$5 a ton gold. The mine is near water, timber and a railroad and it is believed that one of the greatest money-making propositions in the Hills will be the outcome of the enterprise. There is a deposit of iron ore nine miles northeast of this city that is too far from a railroad at present to be worked profitably, but it is expected that the Burlington company will build a spur into the camp very soon. The smelters at Omaha and Denver about six months ago made a deal with the owners of some of the richest of the ledge to ship 500 tons per week to be used as a flux in the smelters. The ore rune as high as 90 and 70 per cent, iron, and all of it carries some gold.

It will not be long before the Malonay-Bige

of per cent. iron, and all of it carries some gold.

It will not be long before the Malonay-Blue Lend Company of Chicago and Deadwood will have a fifty-ton smelter in operation at the famous Blue Lend copper mine in Pennington county. There are several hundred thousand tons of ore on the surface outcroppings that will run an average of 7 per cent copper. The company is running a 1,500-foot tunnel to tap the main ledge of copper ore at the water level.

Regular shipments of mica continue to be made from this city. Black Hills mica is rapidly gaining favor in the market on account of its especial adaptability to all electrical uses.

Graphite is another material that is soon to be placed on the market from the Black Hills.

to be WASHINGTON.

Hills.

WASHINGTON.

SEATTLE, July 15—The Congress Mine on Bridge Creek, on the Colville Reserve, is proving one of the largest nickel and cobalt properties in the Pacific Northwest, carrying values in these metals as high as \$115 a ton.

The Malachite mine in the same district is employing six men in development and in preparing a carload shipment that will average \$300 a ton, the value principally being in silver.

In Silver Creek district on the western slope of the Cascades, there is a a large amount of development work under way and the mines are responding in a flattering manner. In the Edison group work has been carried on without interruption for the past two years. The main working tunnel has cut four veins in running a distance of 600 feet, and has demonstrated the property to a depth of 400 feet. These veins are respectively 10, 20, 40, 45 feet in width and carry from \$20 to \$200 in gold, silver and copper to the 10n.

Several copper properties in this district have recently changed hands at prices ranging from \$6,000 to \$50,000, and other deals are being considered.

The Dutch Miller copper mine on the divide between King and Kittitas counties, at one time reported the largest and richest deposit in the State, is again creating interest through recent developments. The ore, which carries 15 per cent, copper and high gold and silver values, is now being mined and sacked for shipment. A pack train is to be placed on the trail from Skykomish to the mine, a distance of fifteen miles, and the ore shipped to the Everitt smelter.

BRITISH COLUMBIA.

BRITISH COLUMBIA. BRITISH COLUMBIA.

SEATTLE, July 15.—During the past week 1,500 miners in Rossiand walked out in sympathy with the men at the Northport smelter who have been on a strike for several weeks. This closes Le Roi, Center Star, War Eagle and all the leading mines of the camp, where men were getting from \$3 to \$3.50 a day, and where there was no grievance. The camp was in a prosperous condition with every man employed and an abundance of money in all channels of business.

Options on nearly all the iron deposits

Mining.

STATION & SINKING MINING PUMPS. Over 40,000 CAMERON pumps in daily satisfactory over 40,000 CAMERON pumps in daily sentanceory use all over the world gives tangible proof of their merit and confirms the claim for their superiority over all others. They are conceded to be the most durable, reliable and effective mining pumps on the market to-day, and while often imitated are never equalled. For proof, inquire of any mining engineer, for catalogue and prices, write any of our resident agents, or the maker. A. S. CAMERON STEAM PUMP WORKS, Foot East 23d St., New York City, U. S. A.

MINING, MILLING, SMELTING AND CONCEN-TRATING MACHINERY : CORLISS EN-GINES: ESTIMATES FURNISHED. THE ALLIS-CHALMERS CO., BROAD-EXCHANGE BUILD-

whe say they represent a number of the leading furnaces in the United States.

IDAED.

BOISE, July 14.—The mining congress will be a great success. Already ores are pouring in from all the mining States, and a large attendance of mining men from all over the country is assured.

Work has been resumed on the well sinking for oil on Snake River, in Owyhee county. At a depth of a little over 400 feet salt water has been tapped and more oil. The oil is of a good quality. The bottom of the well has not yet reached the level of the river and the prospectors are very hopeful of getting a good flow when the well is below the bed of the river. The formation is black shale and sandstone, which is considered good. If oil is struck in sufficient quantities other wells will be immediately put down.

A large number of men are now at work on the erection of the large smelting works at Weiser, in Washington country. The smelter is going up for the purpose of working the copper ores of the Seven Devils country. When it is ready mining will resume in that section on a large scale and much is predicted for the State as a copper producer. The ledges are very large, numerous and rich in both gold and copper. Some of them are developed to good depths and it is found that the deoper they go down the richer the ore. The mines extend over a large area of a very mountainous country, so that great depths can be obtained in many of the mines by tunnels.

ANIXONA.

ABIZONA TUCSON, July 12.—Some good reports come of the striking of rich copper ore at the Swain, Wiser & Cox properties in the Dragoons, near the Copper Crown and Middlemarch.
Twelve asbestos mining claims in the Grand Cañon have been bonded by John Hance and C. H. McClure to Susan W. Solfridge of New York, the consideration being \$6,000.
Another rich strike is reported from the gold discovery made on White Water Creek.
D. E. Butler and George Saunders, who have a lease and bond on the Goldfinch mine, owned by the Copper Box Mining Company, a Colorade corporation, have opened up some fine ground, which gives assays of \$500 to the ton.

A recent discovery of considerable interest was made in the Line Creek copper mine in the driving of the big tunnel into the hill. A stratum of what is called black sand, some three feet wide, was crossed. This is a soft, black material that can be handled with a shovel without use of pick or drill. It is similar to a deposit found in the United Verde some years ago. Assays of the newly discovered deposit give returns of from 9 to 16 per cent. copper.

MARINE INTRILIGENCE.

MINIATURE ALMANAC-THIS DAY: ten rices.... 4:46 | Sun sets.. 7:25 | Moon sets.. 10:4 Sandy Mook...11:32 | Gov. Pd., 12:04 | Hell Gate. 1:5

Arrived-SUNDAY, July 21. Arrived-SUNDAY, July 21.

U. S. steam yacht Kanawha, Miller, Havana, July 16.

Ss La Gascogne, Tournier, Havre, July 13.

Ss Rotterdam, Stenger, Rotterdam, July 11.

Sa Cuñe, Cavan, Liverpool, July 9.

Sa Hermiston, Pheips, Giasgow, July 5.

Sa St. Cuthbert, Lewis, Antwerp, July 9.

Ss Mannheim, Ockelman, Rotterdam, July 7.

Ss Citta di Messina, Massardo, Messina, June 28.

Sa Serinole, Bearse, Jacksonville, July 16.

Ss El Paso, Boyd, New Oricans, July 16.

Ss Princess Anne, Davis, Norfolk, July 20.

Ss Henefactor, Swain, Philadelphia, July 20.

Sa Maverick, Rubelli, Jacksonville, July 16.

Ss Horatio Hall, Hardy, Portland, July 20.

Brig Curacao, Oisen, Bonaire, July 8.

ARRIVED OUT. Sa Koenigin Luise, from New York, at Bremen. Sa Nomadie, from New York, at Liverpool.

SAILED FROM POREIGN PORTS. 8s Etruria, from Queenstown, for New York, Sa Vaderland, from Southampton, for New York, 8s Barbarossa, from Cherbourg, for New York, OUTGOING STRAMSHIPS.

Sall To-day. Closs 10 30 A M Sallust, Argentina... Jamestown, Norfolk... San To-morrow. Spartan Prince, Asores 700 A M
Pinance, Colon 930 A M
El Norte, New Orleans
Seminole, Charleston,
Princess Anne, Nortolk
Raguas, Pernambuco 200 P M Sall Wednesday, July 24. Oceanic, Liverpool. 8 80 A M Pennland, Antwerp. . . . 10 00 A M 9 30 A M

INCOMING STRAMSHIPS. Due To-day. Parran Shields Gibraitar Caribbee Barbados July 5 July 5 July 13

July 11
July 12
July 12
July 12
July 12
July 12
July 12
July 17
July 16
July 19 Genoa. Glasgow. Dundee. Clyde. Porto Cabello. New Orleans. St. Lucia. Due To-morrow. Raiser Wilhelm der Grosse Cherbourg. Southwark. Antwerp. City of Washington. . . . Colon. Due Thursday, July 25. Bulgaria.
Colorado.
H. H. Meler
El Dorado.
Californian. Due Friday, July 26. Sunderland ... Galveston ...

City Real Estate.

Agents.

Geo. R. Read, REAL ESTATE.

Auctioneers,

Head Office: 60 Cedar St., near Nassan Branch: 1 Madison Ave., 23d St Appraisors. Brokers.

Borough of Brooklyn-Sale or Rent

A FACTORY
for sale or to let in Brooklyn, near ferries and public
dock; sudstantial brick buildings, engine, boiler
and shafting; 10 lots with frontage on three streets.
RULAND & WHITING, 5 Beckman st. Real Estate-Out of the City.

New Jersey-Sale or Rent. FOR SALE CHEAP, desirable residence with 10 acres of ground on macadamized road in New Jersey; the surroundings no exchange. Address box 77, Jersey City, N. J.

ONE-ACRE, two-acre and five-acre farms at Beliport, L. I., \$50 up, \$1 weekly; write for circulars and tickets. SUBURBAN INVESTMENT CO., 108 Fulton st., New York city.

Long Island-Sale or Rent.

Direlling Mouses Wanted. HOUSE-20 or more rooms; well strusted for fur nished rooms. B., box 164 Sun office.

Furnished Rooms & Apartments to Let East Side.

LEXINGTON AV., 724, 58th st.—Single and double rooms; newly furnished and decorated; breakfast optional; telephone.

LEXINGTON AV., 365, nea 40th st.—Handsomely furnished large room; also hall room; breakfast optional. optional. 17TH ST., 130 Cast—Desirable, well-furnished rooms, large and small, for gentlemen. eptional West Side

STH ST., 7 WEST, The Dominique-Newly furnished and decorated rooms; summer rates. STH ST. 20 WEST-Newly furnished large and small fooms; every convenience; gentlemen preferred; references required. 17TH ST., 55 WEST—Handsome newly furnished; 33 upward; parler: physician; dentist; front base-ment; references required. ment; references required.
43D ST., 220 WEST, near Broadway—Large front parlor with connecting room, neatly furnished, hot and cold water, bath; moderate; quiet 95TH ST., 73 WEST, near Central Park—Pleasant rooms; parlor; boarding; home-like surroundings; transients taken; moderate rates.

Aurnished Booms & Apartments to Zet

Brookivn. CLASSON AV., 274—Owner; handsomely tunished square front room; hot and cold water; every convenience; gentlemen only. LAPAYETTE AV., 760 - Newly furnished large and small rooms; all conveniences; near all cars; private family. SANDS ST., 55 Near Jay; nicely furnished large rooms; hot and cold water, shower bath; large closets gentlemen.

Seleet Board.

Enst Side. MADISON AV., 155, THE MOHEGAN, formerly The Sawyer—Elegantly furnished rooms; supenor table; special rates for summer. ST. ALBAN'S-B. M. DE FOREST. PROP. 5, 7, 9, East 3 istst. —Rooms, single, ensuite; private taths: parlor dining room; electric fans and light. 28TH ST., 108-110 EAST, Madison Square Newly furnished rooms: excellent table; convenient location Southerners accommodated. 27TH St., 122 EAST—riandsomely turnished double front parior; large front room, second floor; running water; excellent French table board. 31ST ST. 17 EAST—Neatly furnished large and small rooms; en suite or singly; table board; transients accommodated. 32D ST., 11 EAST—Superior house private bath excellent table; transients, table board; Southerners desired; references.

Woot Side

THE JULIEN, 15 WEST 20TH ST. -LARGE AND small rooms, handsomely furnished; all omreninoes; quiet, refined house; table excellent; location cental; translents accommodable. Tel. 3008—1394 central; translents accommodable. Tel. 3008—1394 central; except limprovement; excellent table, central location; moderate terms, references resulted. WASHINGTON PL., 68.70—Newly furnished rooms; all conveniences: excellent table, choice neighborhood, transients also: references; central.

WASHINGTON PL., 77—Desirable cooms, with board, all conveniences: transients accommodated. Solid all conveniences: translents accommodated.

Solid St., 114 WEST—Fine rooms en suits; excellent family table: gentlemen preferred.

Solid St., 60 WEST—Private family, second floor; saloon; large front third; everything first-class; modern improvements.

92D ST., 117 WEST—Handsomely furnished rooms; en suite or singly; well appointed house; board optional; translents accommodated. 93D ST. 125 WEST—Two large and one small room; beautifully furnished; every convenience; accellent table and service; private family. 93D ST., 130 WEST Handsomely furnished single and double rooms; superior table; excellent location; parlor dining room; moderate.

ASHLAND PL., 42, near DeKalb—Newly decorated rooms; excellent table; owner; gentlemen or couples; state where seen.

CLEICHUNT AV., 418—Cool and pleasant room, with good home table; table board a specialty; convenient location. ent location.

CRANBERRY ST., 15, near Columbia Heights—Double and single rooms, with board; references exchanged.

CLINTON ST., 170—Heights, near City Hall; handsome large and small rooms; superior table. HENRY ST., 354 Destrable cool from: Brst-class HENRY ST., 98, Heights - Large and small room with excellent board; \$5 to \$6 weekly. REMSEN ST., 135, Heights—Thoroughly reno valed; newly furnished rooms; superior table and service; references required.

> Post Office Motice. POST OFFICE NOTICE.

(Should be read DAILY by all interested as changes

(Should be read DAILY by all interested as changes may occur at any time).

Foreign mails for the week ending July 27, 1901, will close (PROMPTLY in all cases) at the General Post Office as follows: PARCELS POST MAILS close one hour earlier than closing time shown below. Parcels Post mails for Germany close at 5 F. M. Wednesday.

Regular and Supplementary mails close at Foreign Branch half hour later than closing time shown below. TRANSATLANTIC MAILS.

TRANSATLANTIC MAILS.

WEDNESDAY.—At 8:30 A. M. (supplementary 10 A. M.) for EUROPE, per steamship Oceanic, via Queenstown; at 10 A. M. for BELGIUM direct, per steamship Pennland (mail must be directed "per steamship Pennland").

THURSDAY.—At 6:30 A. M. for EUROPE, per steamship Columbia, via Plymouth, Cherbourg, and Hamburg (mail for France must be directed "per steamship Columbia"); at 7 A. M. for FRANCE, SWITZERLAND, ITALY, SPAIN, PORTUGAL, TURKEY, EGYPT, GREECE, BRITISH INDIA and LORENZO MARQUEZ, per steamship La Gascogne, via Havre (mail for other paris of Europe must be directed "per steamship La Gascogne").

SATURDAY.—At 7:30 A. M. for NETHERLANDS direct, per steamship Rotterdam"); at 9:30 A. M. for SCOTLAND direct, per steamship Ethiopia (mail must be directed") of the period of the

PRINTED MATTER. ETC .- This steamer takes Printed Matter, Commercial Papers, and ples for Germany only. The same class matter for other parts of Europe will not matter for other parts of Europe will not be sen-by this ahip unless specially directed by her.

After the closing of the Supplementary Transatian-tic Mails named above, additional supplementary mails are opened on the plers of the American, English, French and German steamers, and re-main open until within Ten Minutes of the hour of sailing of steamer.

MAILS FOR SOUTH AND CENTRAL AMERICA;

MAILS FOR SOUTH AND CENTRAL AMERICA;

MONDAY.—At 10:30 A. M. for ARGENTINE REPUBLIC. URIGUAY and PARAGUAY, per

steamship Sallust.

A. M. for CENTRAL AMERICA (except Costs
Ricas) and SOUTH PACIFIC PORTS, per steamship Finance via Colon (mail for Guatemals
must be directed "per steamship Finance": at 2 P. M. for BARBADOS and BRAZIL. via
Pernambuco and Santos, per steamship Ragusa's

must be directed "per steamship Ragusa's

must for Northern Brazil must be directed "per

steamship Ragusa's at 6:20 P. M. for JAMAICA,
per steamship Admiral Farragut, from Boston,
at 11 P. M. for JAMAICA, per steamship Bars

stable, from Philadelphia.

WEDNESDAY.—At 9:30 A. M. for INAGUA and
HAITI, per steamship Lauenburg at 12 M. for
CUBA, YUCATAN, CAMPECHE, TABASCO
and CHIAPAS, per steamship Havana, at 12:30 P. M. (supplementar; P. M.)
for ST. THOMAS, ST. CROIX, LEEWARD
and WINDWARD ISLANDS, and BRITISH,
DUTCH and FRENCH GUIANA, per steam
ship Roralma (mail for Greneda and Trinidad
must be directed "per steamship Rerelan
Brazil must be directed "per steamship Roralma
THUFDAY.—At 10:30 A. M. for BRAZIL, per

steamship Grecian Prince (mail for Northern
Brazil must be directed "per steamship Roralma
THUFDAY.—At 10:30 A. M. for BRAZIL, per

steamship Grecian Prince (mail for Northern
Brazil must be directed "per steamship Grecian
Pilace": at 12 M. for SANTIAGO, per steamship Pager; at 6:30 P. M. for JAMAICA, per

steamship Dager; at 6:30 P. M. for JAMAICA, per

steamship Dager; at 6:30 P. M. for JAMAICA, per

steamship Admiral Schley, from Boston.

FRIDAY.—At 12 M. for MENICO, per steamship
Yucatan, via Tampico (mail nust be directed
"per steamship Siberlas, for
Philadelphia.

A. M.) for PORTO RICO (via San Juan), CU-

Per steamship Yucatan'; at 11 P. M. 107 N. POUNDLAND, per steamship Siberian, fora Philadelphia.
A. M. (supplementary 9.30 A. M.) for PORTO RICO (via San Juan). CURACAO and VENEZUELA, per steamship Maracalbo (mail for Savanille and Carthagena must be directed "per steamship Maracatao) at 9.30 A. M. (supplementary 10.30 A. M.) for FORTUNE (SLAND, JAMAICA, SAVANILLA and CARTHAGENA, per steamship Athos (mail for Costa Rica must be directed "per steamship Athos); at 9.30 A. M. (supplementary 10.30 A. M.) for HAITI and SANTA MAPTHA, per steamship Mexico, via Havana, at 12. M., for AGENTINE REPUBLIC, URIGUAY and PARAGUAY, per steamship Mexico, via Havana, at 12. M., for AGENTINE REPUBLIC, URIGUAY and PARAGUAY, per steamship Castillian Prince at 12:30 P. M. for MATANAS, CAl-BAHIEN, NUEVITAS, GIBARA and BARACOA, per steamship Curitypa (resulting must be directed "per steamship Curitypa", at 1P. M. (supplementary 150 P. M.) for BERMUDA, per steamship Trinidad.

Mails for Newfoundland, by rail to North Sidney, and thence by steamer, close at this office daily at 6:30 P. M. (connecting close, here every Monday, Wednesday and Saturfay, Mails for Miquelon, by rail to Boston, and thence by steamer, close at this office daily at 6:30 P. M. Mails for Cuba, by rail to Port Tampa, Fla., and thence by steamer, close at this office daily, at 46:00 A. M. (the connecting closes are on Monday, Wednesday and Saturfay). Mails for Mexico City, overland, unless specially addressed for despatch by steamer, close at this office daily at 1:30 P. M. and 11:00 P. M. Mails for Costa Hica, Beilze, Puerro Cortez and Guatemaia, by rail to New Orleans, and thence by steamer close at this office daily at \$1:30 P. M. (connecting closes) here Mondays for Helite, Puerro Cortez and Guatemaia and Tuesdays for Costa Hica, Siegistered mail closes at 6:00 P. M. prettota day.

TRANSPACIFIC MAILS.

Idails for Hawali, China, Japan and Philippines, via San Francisco, close here daily at 6.30 P. M. up to July \$20, inclusive, for despatch per steamship Peru. Mails for Australia (except West Australia, which goes via Europe, and New Zealand, which goes via Europe, and New Zealand, which goes via San Francisco), and Fin Islands, via Vancouver, close here daily at 6.30 P. M. after July \$3, and up to July \$20, inclusive for despatch per steamship Aorangi (supplementary mails, via Seatile and Victoria, close at 6.30 P. M. July \$21. Mails for China and Japan, via Vancouver, close here daily at 6.30 P. M. up to July \$23. Inclusive, for despatch per steamship Empress of India (registered mail must be directed "via Vancouver". Mails for Australia (except West Australia, which is forwarded via Europe) New Zealand, Fill, Sanoa and Hawaii, via San Francisco close here daily at 6.30 P. M. after July \$21 and up to July \$17. Inclusive, or on arrival of steamship Emrial, due at New York July \$27, for despatch per steamship Sonoma. Mails for Hawaii, Japan. China and Fhilippine Islands, via San Francisco, close here daily at 6.30 P. M. after July \$21 and up to July \$17. Inclusive, for despatch per steamship Sonoma. Mails for Hawaii, Japan. China and Fhilippine Islands, via San Francisco, close here daily at 6.30 P. M. up to July \$28, inclusive, for despatch per steamship Zhameda.

Transpacific mails are forwarded to port of sailing daily and the schedule of closing is arranged on the presumption of their uninterrupted overland transit. (Registered mail closes at 6 P. M. previous day.

CORNELIUS VAN COTT, Postmaster.